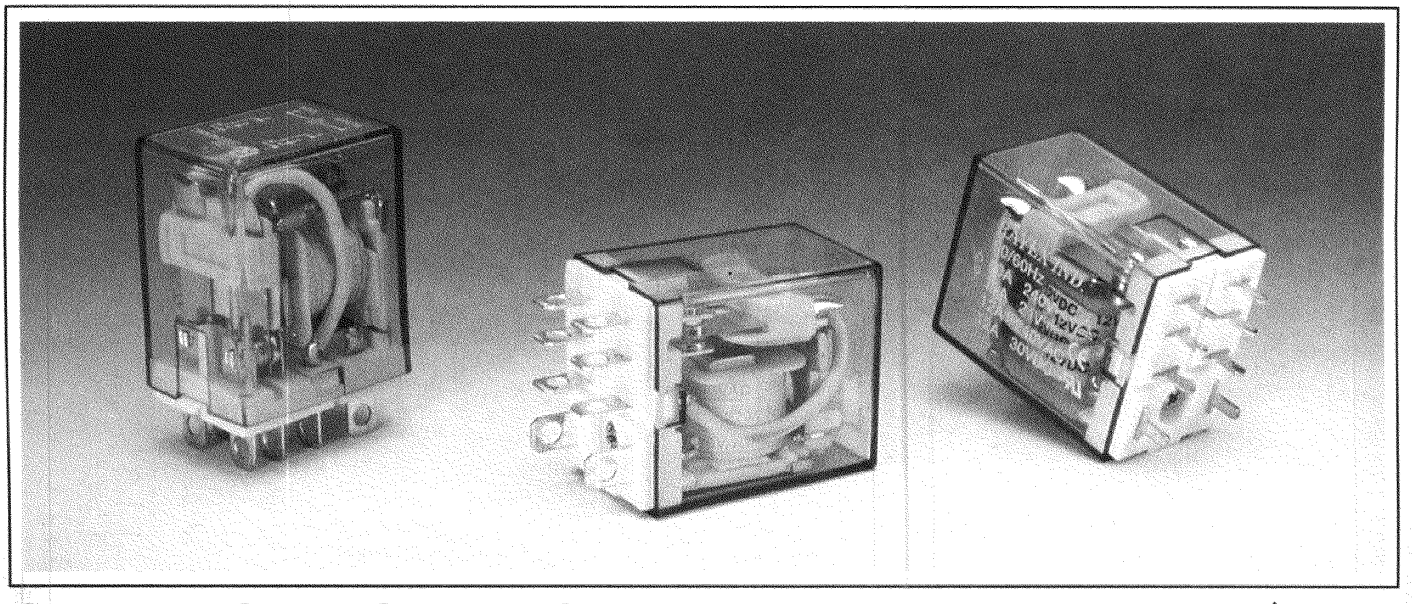
LB2 RELAY



ORDERING INFORMATION

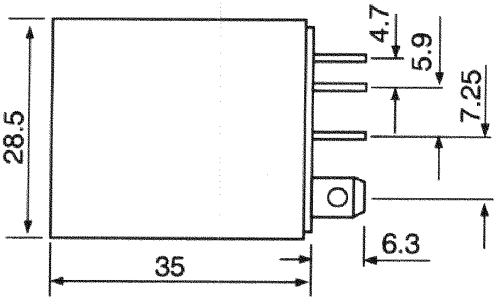
LB2 [ ] — 24 [D] [ ] [P]

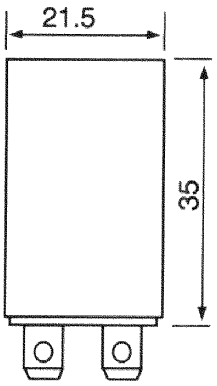
- LB2 — Type
- [ ] — Nil : Standard Type; N : With LED
- 24 — Nominal Voltage
- [D] — D : DC; A : AC
- [ ] — Nil : Standard Cover; F : Flange Cover
- [P] — P : P.C. Board Terminal; S : Solder Lug/Plug-In Terminal

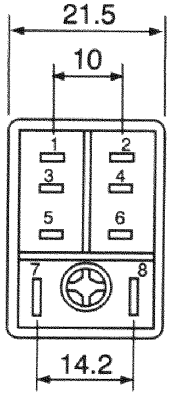
COIL DATA

AC 1.2 VA				DC 0.9-1.1W			
Nominal Voltage (VDC)	Resistance Tol. ± 10% (Ohms DC)	Maximum Pick Up Voltage (V)	Maximum Drop Out Voltage (V)	Nominal Voltage (50/60 Hz)	Resistance Tol. ± 10% (Ohms DC)	Maximum Pick Up Voltage (V)	Maximum Drop Out Voltage (V)
6	10	4.8	1.8	6	40	4.5	0.6
12	45	9.6	3.6	12	160	9.0	1.2
24	160	19.2	7.2	24	650	18.0	2.4
48	670	38.4	14.4	48	2,600	36.0	4.8
100/110	3,900	88.0	33.0	90	9,000	67.5	9.0
220/240	16,000	176.0	66.0	110	11,000	82.5	11.0

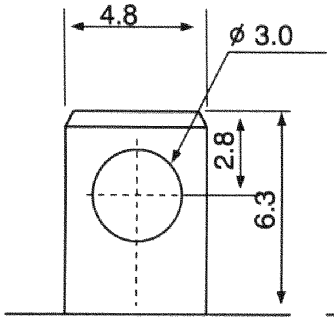
LB2 DIMENSIONS (mm)



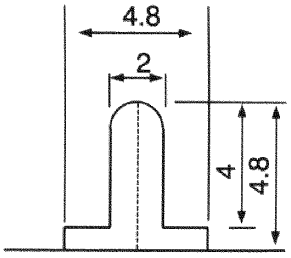




TERMINAL



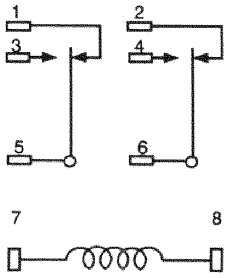
SOLDER LUG / PLUG-IN



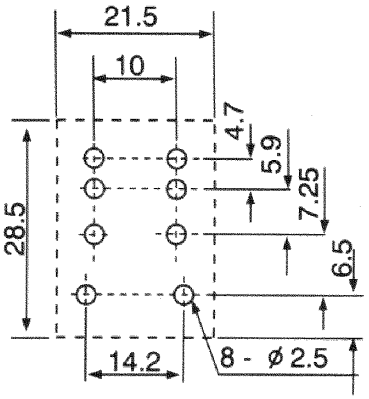
PRINTED CIRCUIT

WIRING DIAGRAM

2PDT



P.C.B. LAYOUT



CONTACT RATING [2PDT]

Resistive (Cos.θ = 1)	AC 240V/DC 30V	12A	UL
	AC 240V/DC 24V	10A	TUV
Inductive (Cos.θ = 0.4)	AC 240V	5A	TUV

GENERAL DATE

Insulation Resistance	1,500 Megohms min. at 500 VDC.
Breakdown Voltage	750 VRMS,50/60 Hz between contact, 1,500 VRMS,50/60 Hz between all elements.
Contact Material	Silver - Cadmium Oxide as standard.
Contact Resistance	100 milliohms max. (initial)
Coil Data	See chart. (at 25℃)
Max. Allowable Voltage	110 % nominal
Min. Drop - Out Voltage	10 % of nominal (DC), 30% of nominal (AC)
Operation Time	15 msec max.
Release Time	15 msec max.
Temperature Range	-40℃ ~ + 60℃
Expected Life	With operation rate 30/min. Mechanical - 10,000,000 operations min. Electrical - 100,000 operations min. at rated load.
Weight	37 grams